

(8)

MENU **SEARCH** **INDEX** **DETAIL**

1/1



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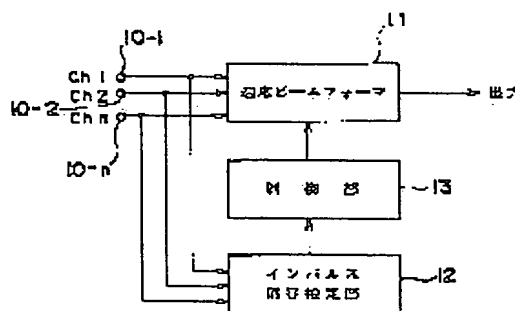
NAGATA HITOSHI

(54) SIGNAL PROCESSOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a signal processor which sets a permissible arrival angle range of a target signal with high accuracy by a small calculation quantity and surely suppresses only noises, when signals of a plurality of channels are processed by filter operation for suppressing noises.

SOLUTION: In a signal processor for suppressing noises by inputting signals of plural channels inputted from input terminals 10-1 to 10-n to an adaptive beam former 11 comprised of the use of an adaptive filter, an impulse response presumption part 12 presumes impulse responses between signals of the plural channels, and a control part 13 judges the component values of the impulse responses presumed in the impulse response presumption part 12 with a threshold value, and controls the adaptive filter to be suspended or continued according to a result of the threshold decision.



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